Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 17 Oct 2021 until 23:59 on Monday 18 Oct 2021

Forecast Issued on Sunday 17 Oct 2021 at 04:14

Confidence: High for a series of Atlantic weather fronts crossing the area, but confidence lowering for the detail of timing and extent of worst conditions.

Headline for Sunday 17 Oct 2021: Overcast, wet during the morning, but some chance of drier, perhaps brighter, weather developing late in day.

Mountain weather hazards on Sunday 17 Oct 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Drizzle	Cloudy	Cloudy
Precipitation probability					
>95%	90%	40%	30%	20%	20%

Forecast for Sunday 17 Oct 2021

Weather: Dull, overcast for much of the morning, with occasional rain, perhaps turning heavy at times through to mid-day. Tending to turn drier from noon, with a small chance of late brightness come late afternoon. Chance of some clear spells during the evening, but also some drizzly showers.

Chance of cloud free mountain/hill tops above 600m: Near nil.

Visibility: Moderate or poor in rain, very poor in hill fog with bases from 450-600m quite extensive.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Sunday 17 Oct 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/32 SW	20/27 SW	19/26 SW	17/23 SW	15/21 SW	13/19 SW	10/15 SW
300	16/24 S	16/24 SW	15/23 SW	13/20 SW	10/17 S	8/14 S	6/10 S
Valley	9/22 SW	9/21 S	9/21 SW	8/18 S	6/17 S	5/14 S	4/10 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/4	9/5	10/6	10/7	11/8	10/8	10/8
300	11/8	11/8	12/9	13/10	13/11	12/11	12/11
Valley	11/9	11/10	12/10	13/12	13/12	13/12	12/12
Freezing Level*	2900m	2800m	2700m	2500m	2400m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Hill fog quite extensive. Early winds at height particularly hazardous given very poor visibilities likely to be experienced.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 17 Oct 2021	0mm	0mm	5.6mm

Forecast for Monday 18 Oct 2021

Weather: Only limited brighter spells between the scattered showers for the bulk of the day. Larger area of occasionally heavy rain crossing from the west late afternoon and through the evening.

Maximum wind: Southerly increasing 20mph gusts 30mph from early evening.

Chance of cloud free mountain/hill tops above 600m: 60% becoming virtually nil from late afternoon.

Visibility: Good or very good becoming moderate or poor in showers and later longer periods of rain, also very poor in hill fog which will be focused across the west, particularly later in the day as bases become broken to extensive from 450-600m.

Temperature: **Valleys:** Plus 8 Celsius increasing 18 Celsius during the afternoon
At 600m: Plus 11 Celsius
Freezing level: Above all summits

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